

FORGE

TE Internal #: 2212307-1

Connector Assembly, Receptacle, Wire-to-Panel, 6 Position, 250 mm [9.84 in] Centerline, Wire & Cable, UL 94V-0, Rectangular

Power Connectors

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Rectangular Power Connector Type: Connector Assembly

Connector & Housing Type: Receptacle

Connector System: Wire-to-Panel

Number of Positions: 6

Centerline (Pitch): 250 mm [9.84 in]

Contact Retention Within Housing

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	6
Number of Rows	2
Body Features	
Cable Exit Angle	180°
Connector Profile	Standard
Contact Features	

With



Contact Type Termination Features Termination Method to Wire & Cable Crimp Mechanical Attachment Mating Alignment Type Mating Alignment With Panel Mount Feature With Panel Mount Feature Type Connector Mounting Type Black Housing Features Centerfine (Pitch) 250 mmig.84 inj Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mmi.59 – 7 inj Connector Holght 42 mmig.84 inj Product Width Product Length 84 mmig.307 inj Row to Row Spacing Usage Conditions Operating Temperature Range Operating Temperature Range Alight Application Shielded No Circuit Application Shielded No Circuit Lentification Feature Without Industry Standards UL Rating Contacting Control Operating Ul 944-0 Glow Wire Rating Standard Part Not Glow Wire		
Termination Method to Wire & Cable Mechanical Attachment Mating Alignment Type Mating Alignment With Panel Mount Feature Panel Mount Feature Type Screw Mount Connector Mounting Type Panel Mount Housing Features Centerline (Pitch) Polyester CIF Dimensions Panel Thickness (Recommended) Connector Height Product Width Row-to-Row Spacing Product Width Row-to-Row Spacing Usage Conditions Operating Temperature Range Au 105°C[40 - 221°F] Operation/Application Shielded No Circuit Application Industry Standards UL Rating Compatible With Approved Standards Products UL Planmeblity Rating	Contact Type	Socket
Mechanical Attachment Mating Alignment Type Mating Alignment Panel Mount Feature Panel Mount I eature Type Screw Mount Connector Mounting Type Panel Mount Housing Features Centerline (Pitch) Polyester GF Dimensions Panel Thickness (Recommended) Connector Height Product Width Row-to-Row Spacing Product Width Row-to-Row Spacing Usage Conditions Operation/Application Shielded No Circuit Application Circuit Identification Feature With Approved Standards Products UL Rating Compatible With Approved Standards Products UL Pannability Rating UL 94V-0 UL Parting Usage Compatible With Approved Standards Products UL Pannability Rating UL 94V-0 UL 94V-0 UL 94V-0 Usage Compatible With Approved Standards Products UL 1977 UL 94V-0 UL 94V-0 UL 94V-0	Termination Features	
Mating Alignment Type Mating Alignment Mating Alignment Mount Feature Mith Panel Mount Feature Type Screw Mount Connector Mounting Type Housing Features Centerline (Pitch) Black Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm[.59 – .7 in] Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row to Row Spacing 21 mm[827 in] Usage Conditions Operating Temperature Range 40 105 °C[40 221 °F] Operation/Application Shielded No Circuit Application Lidentification Marking Circuit Identification Feature Industry Standards UL Rating Compatible With Approved Standards Products UL Plarmability Rating UL 94V-0 UL 1977 UL Plarmability Rating UL 94V-0	Termination Method to Wire & Cable	Crimp
Mating Alignment With Panel Mount Feature With Panel Mount Feature Type Screw Mount Connector Mounting Type Panel Mount Housing Features Centerline (Prich) 250 mm(9.84 in) Housing Color Black Housing Material Polyester GI Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm(.59 – .7 in) Connector Height 42 mm(1.654 in) Product Width 38.75 mm(1.526 in) Product Length 84 mm(3.307 in) Row-to-Row Spacing 21 mm(.827 in) Usage Conditions Operating Temperature Range -40 – 10.5 °C(-40 – 221 °F) Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature UL Rating Certified Compatible With Approved Standards Products UL Parmasbility Rating UL 94V-0	Mechanical Attachment	
Panel Mount Feature With Panel Mount Feature Type Screw Mount Connector Mounting Type Panel Mount Housing Features Centerline (Pitch) 250 mm [9.84 in] Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm [.59 – .7 in] Connector Height 42 mm [1.654 in] Product Width 38.75 mm [1.526 in] Product Length 84 mm [3.307 in] Row-to-Row Spacing 21 mm [827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Gircuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Mating Alignment Type	Blindmate
Panel Mount Feature Type Connector Mounting Type Panel Mount Housing Features Centerline (Pitch) Polyester GF Dimensions Panel Thickness (Recommended) Connector Height Product Width Product Length Row-to-Row Spacing Panel Thickness Operating Temperature Range Operation/Application Shielded No Circuit Application Industry Standards UL Rating Compatible With Approved Standards Products UL Planmability Rating Usel Width Usel Product Width No Circuit Manual Product Signal UL Patring Certified Compatible With Approved Standards Products UL Patring Compatible With Approved Standards Products UL Patring Compatible With Approved Standards Products UL Patring UL Pa	Mating Alignment	With
Connector Mounting Type Panel Mount Housing Features Centerline (Pitch) 250 mm[9.84 in] Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 1.78 mm[.59 .7 in] Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Planmability Rating UL 94V 0	Panel Mount Feature	With
Housing Features Centerline (Pitch) 250 mm[9.84 in] Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm[.59 – .7 in] Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row to Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range 40 – 105 °C[40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Panel Mount Feature Type	Screw Mount
Centerline (Pitch) Housing Color Black Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm[.59 – .7 in] Connector Height 42 mm[1.524 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Industry Standards UL Rating Compatible With Approved Standards Products UL Flammability Rating UL 94V-0	Connector Mounting Type	Panel Mount
Housing Color Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm .59 – .7 in Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row to Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range 40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Identification Marking Circuit Identification Feature Industry Standards UI Rating Certified Compatible With Approved Standards Products UL Flammability Rating UL 94V 0	Housing Features	
Housing Material Polyester GF Dimensions Panel Thickness (Recommended) 1.5 – 1.78 mm[.59 – .7 in] 42 mm[1.654 in] Product Width 42 mm[1.654 in] Product Length 84 mm[3.307 in] 84 mm[3.307 in] 95 mm[8.27 in] 95 mm[Centerline (Pitch)	250 mm[9.84 in]
Dimensions Panel Thickness (Recommended) Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Identification Marking Circuit Identification Feature Industry Standards UL Rating Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Housing Color	Black
Panel Thickness (Recommended) Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Identification Marking Circuit Identification Feature Without Inclustry Standards UL Rating Compatible With Approved Standards Products UL Flammability Rating UL 94V-0	Housing Material	Polyester GF
Connector Height 42 mm[1.654 in] Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Inclustry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Dimensions	
Product Width 38.75 mm[1.526 in] Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Panel Thickness (Recommended)	1.5 – 1.78 mm[.59 – .7 in]
Product Length 84 mm[3.307 in] Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Connector Height	42 mm[1.654 in]
Row-to-Row Spacing 21 mm[.827 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Product Width	38.75 mm[1.526 in]
Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Product Length	84 mm[3.307 in]
Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Row-to-Row Spacing	21 mm[.827 in]
Operation/Application Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Usage Conditions	
Shielded No Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Circuit Application Power & Signal Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Operation/Application	
Identification Marking Circuit Identification Feature Without Industry Standards UL Rating Certified Compatible With Approved Standards Products UL Flammability Rating UL 94V-0	Shielded	No
Circuit Identification Feature Industry Standards UL Rating Certified Compatible With Approved Standards Products UL Flammability Rating UL 94V-0	Circuit Application	Power & Signal
Industry Standards UL Rating Certified Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Identification Marking	
UL Rating Compatible With Approved Standards Products UL 1977 UL Flammability Rating UL 94V-0	Circuit Identification Feature	Without
Compatible With Approved Standards Products UL 1977 UL 94V-0	Industry Standards	
UL Flammability Rating UL 94V-0	UL Rating	Certified
	Compatible With Approved Standards Products	UL 1977
Glow Wire Rating Standard Part - Not Glow Wire	UL Flammability Rating	UL 94V-0
	Glow Wire Rating	Standard Part - Not Glow Wire



Packaging Features

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



Customers Also Bought

















Documents

Product Drawings

FORGE, ASSY SCKT, 4#0-0#4-0#8-0#12-2#22

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2212307-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2212307-1_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2212307-1_1.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1-1773875-1_FORGE_DRAWER_CONNECTORS_CN

3-1773463-3_FORGE_DRAWER_CONNECTORS

English

Product Specifications

Application Specification

English

Application Specification

Connector Assembly, Receptacle, Wire-to-Panel, 6 Position, 250 mm [9.84 in] Centerline, Wire & Cable, UL 94V-0, Rectangular Power Connectors



English